

[LJ 1016]

OCTOBER 2016

Sub. Code: 9128

**M.Sc. MOLECULAR VIROLOGY EXAMS
SECOND YEAR
PAPER I – DIAGNOSTIC VIROLOGY**

Q.P. Code : 289128

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail the infection of cells, replication, pathogenesis, prevention and treatment of dengue viral infection.
2. Enumerate the role of oncogenic viruses in the pathogenesis of cancer, diagnosis and prevention.

II. Write notes on:

(10 x 6 = 60)

1. Diversity of Rota virus.
2. Vaccines against Influenza viral infections.
3. Para specific immunity of pox vaccination.
4. Epidemiology of HIV.
5. Morbidity of HIV against other sexually transmitted diseases.
6. Diagnosis of Rabies.
7. Types of hepatitis vaccines.
8. Differential diagnosis of various respiratory viral diseases.
9. Treatment of viral encephalitis.
10. Risk factors for Measles, Rubella and Mumps.
